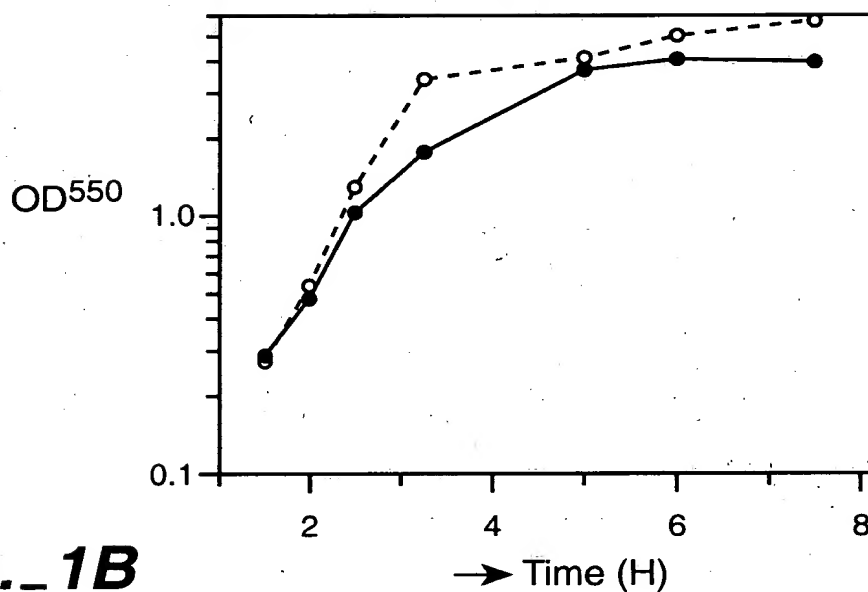
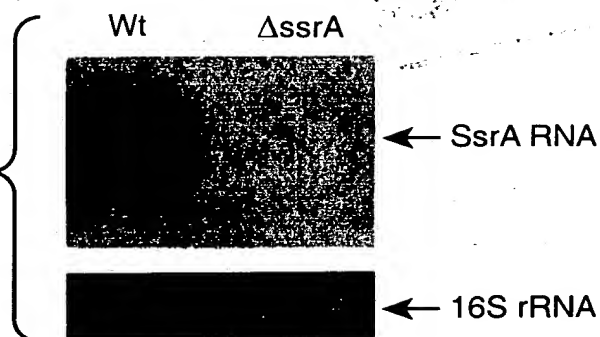


#5

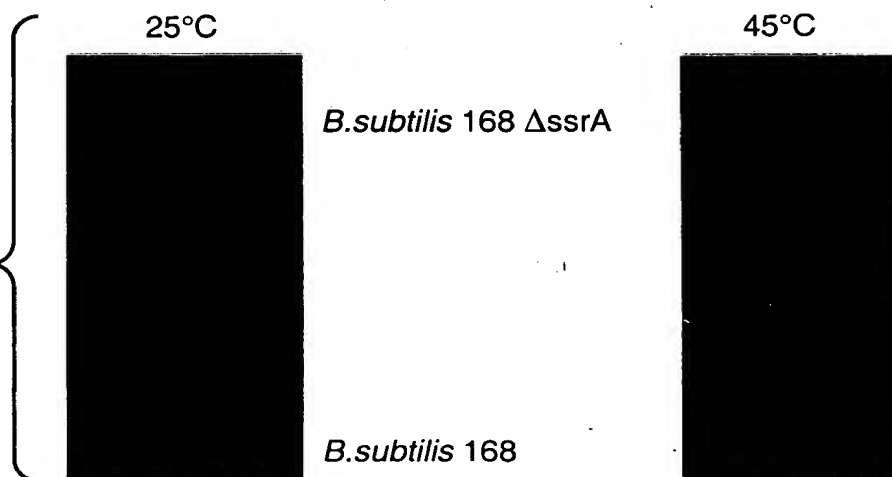
1 / 5

**FIG.\_1A**

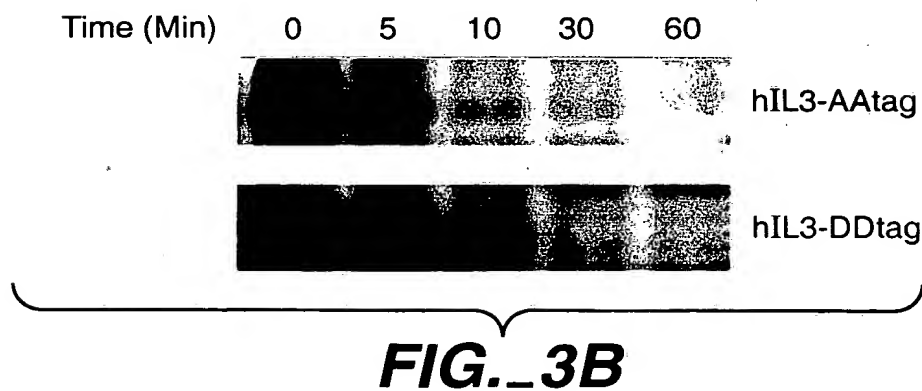
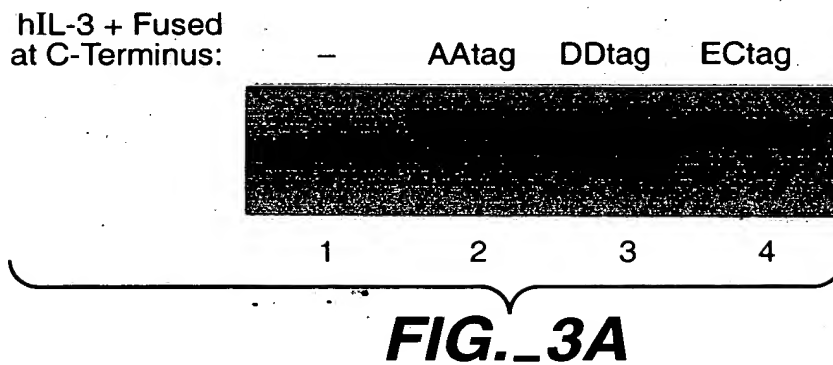
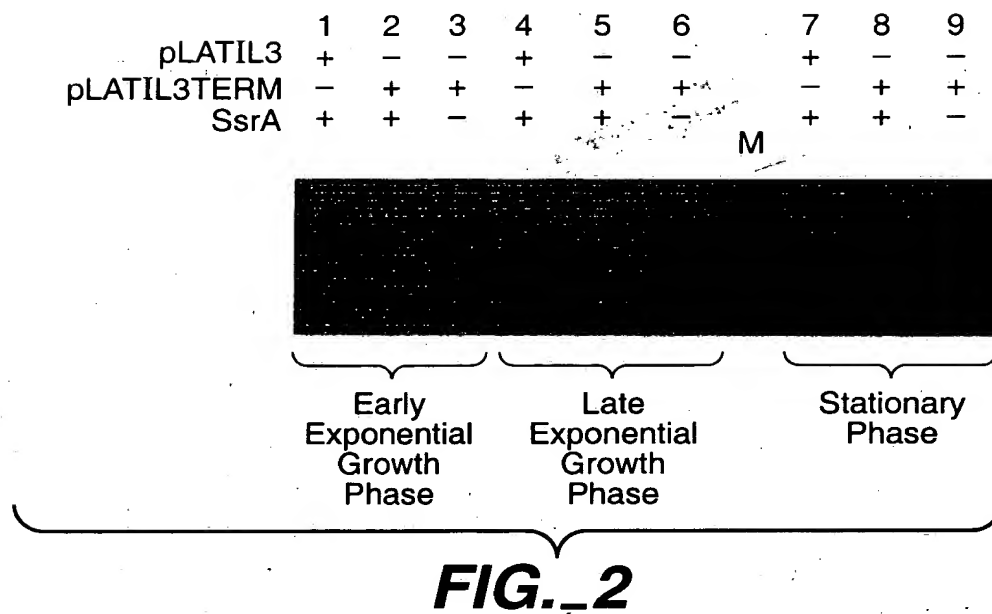


**FIG.\_1B**

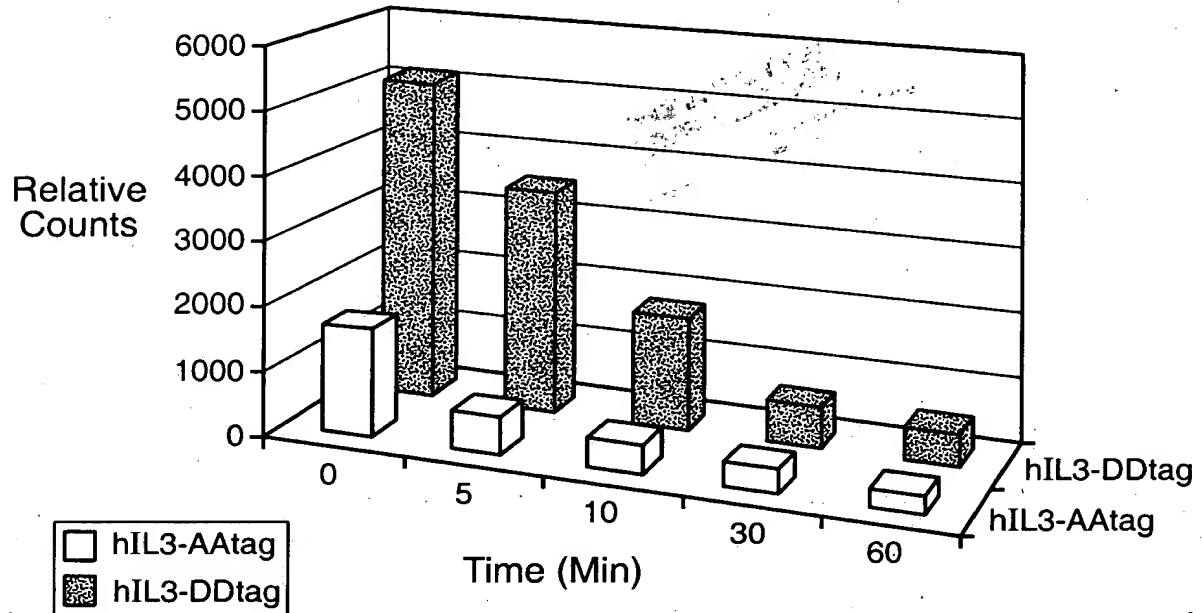
**FIG.\_1C**



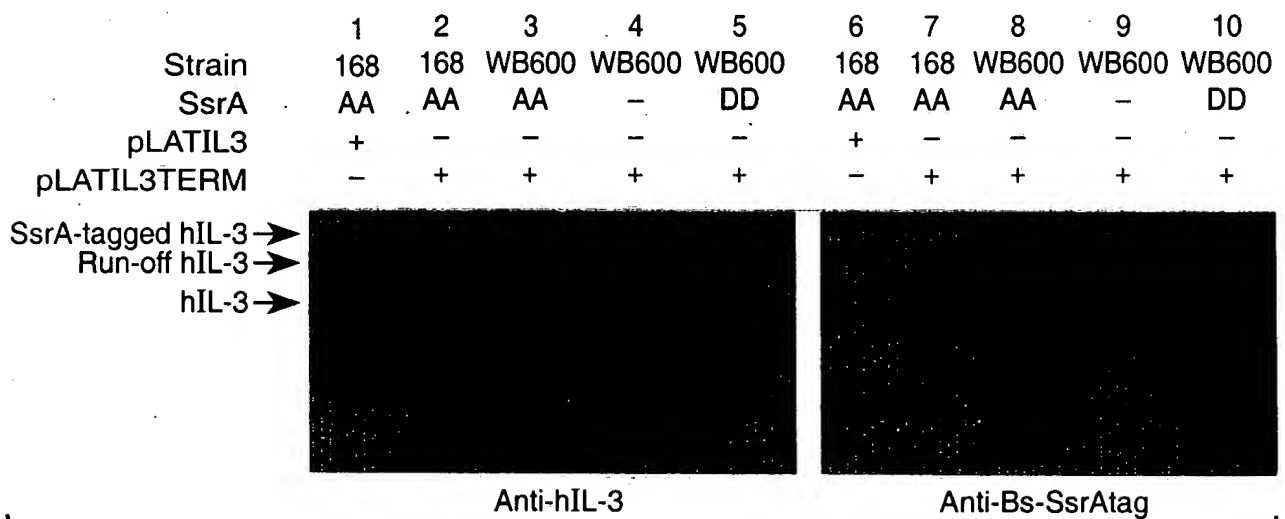
2 / 5



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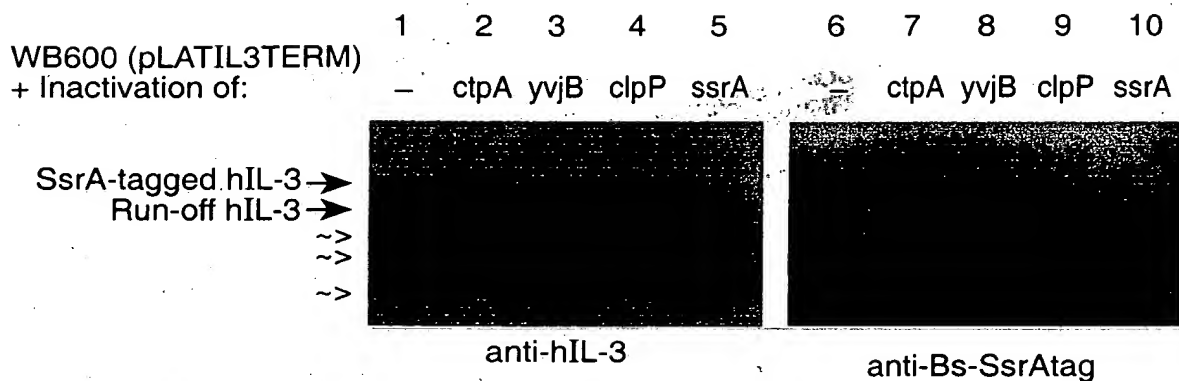


**FIG. 3C**

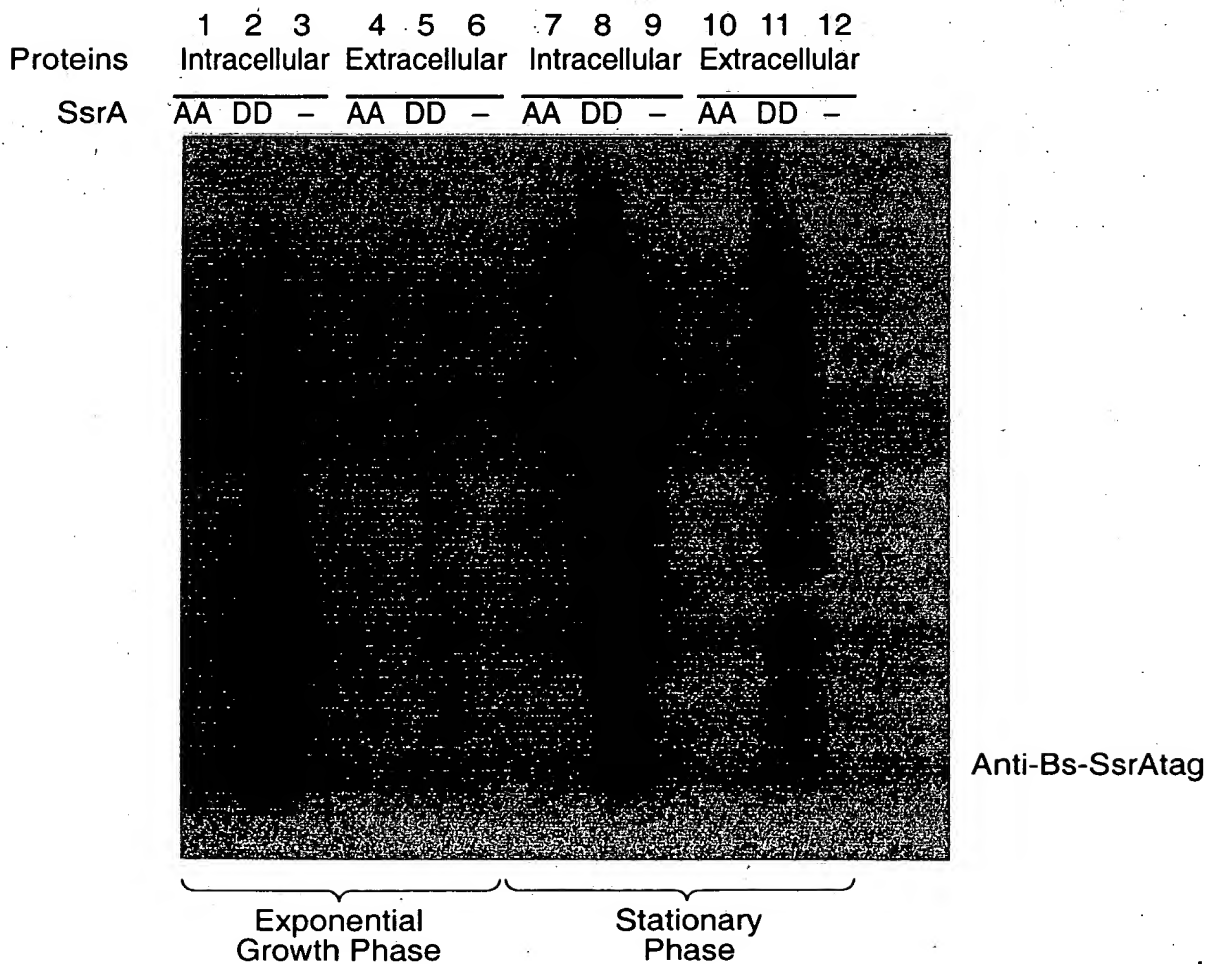


**FIG. 4**

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**FIG.\_5**



**FIG.\_6**

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**IL-3 amino acid sequence (Native sequence associated with its native signal sequence)**

MSRLPVLLLL QLLVRPGLQA PMTQTTPLKT SWVNCSNMID  
EIITHLKQPP  
LPLLDFFNNLN GEDQDILMEN NLRRPNLEAF NRAVKSLQNA  
SAIESILKNL  
LPCLPLATAA PTRHPIHIKD GDWNEFRRKL TFYLKTLENA  
QAQQTLSLA IF

**IL-3 as encoded by plasmid pLATIL3**

MKQQKRLYAR LLTLLFALIF LLPHSSASAA PMTQTTPLKT SWVNCSNMID  
EIITHLKQPP LPLLDFFNNLN GEDQDILMEN NLRRPNLEAF NRAVKSLQNA  
SAIESILKNL LPCLPLATAA PTRHPIHIKD GDWNEFRRKL TFYLKTLENA  
QAQQTLS

**IL-3 amino acid sequence (Substituted tag charged C-terminus)**

MKQQKRLYAR LLTLLFALIF LLPHSSASAA PMTQTTPLKT SWVNCSNMID  
EIITHLKQPP LPLLDFFNNLN GEDQDILMEN NLRRPNLEAF NRAVKSLQNA  
SAIESILKNL LPCLPLATAA PTRHPIHIKD GDWNEFRRKL TFYLKTLENA  
QAQQTDD

**IL-3 amino acid sequence (Tagged<sup>14</sup>)**

MKQQKRLYAR LLTLLFALIF LLPHSSASAA PMTQTTPLKT SWVNCSNMID  
EIITHLKQPP LPLLDFFNNLN GEDQDILMEN NLRRPNLEAF NRAVKSLQNA  
SAIESILKNL LPCLPLATAA PTRHPIHIKD GDWNEFRRKL TFYLKTLENA  
QAQQTLSAG KTNSEFNQVA LDD

**FIG. 7**